

1. Number
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25-7-3

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M.B.O. 1-22,400-23-11-30.

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons. dated 9-4-1858

G.O. No.	633	Press
		Mis.
95-96		
Dated	9-4-	1858

Not to be folded or roughly handled

No. 95. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 23rd March 1858, No. 8304.

SIR,

1. With reference to para. 8 of Extract from Minutes of Consultation No. 892, of the 12th December 1855, desiring that the suggestion of the Civil Engineer of the 3rd Division, that channels might be taken off from the left bank of the Chinna Huggry above the Bachanahully Annicut in the Bellary District, as well as from the right, should not be lost sight of, and that, in due time, Plans and Estimates should be submitted, I have the honor to forward a letter from the District Engineer, No. 353, of the 4th January 1858, giving cover to a report, with its enclosure, from Sub Engineer A. Cheddumbarum on the subject.

2. The orders of Government were communicated on the 18th December 1855, to the Collector and Civil Engineer, but not till the 5th March 1857, did the former Officer forward Plans and estimates, received by him from the District Engineer, for cutting at a cost of Rupees 5,900 a channel on the left bank for the irrigation of 530 acres of land in the villages of Goddahully, Bomasoomoodrum and Murrakanahully, in the Hoosinhudgally, Talook, if sufficient water could be obtained from the Chinna Huggry of which the Collector expressed his doubts.

3. No professional report having been received, and the question raised by the Collector being of the last importance, the Plan and estimate were returned on the 25th of March 1857, for further investigations to be made and fuller information supplied.

4. The reports now submitted shew that the apprehensions of the Collector were well founded, and they appear to settle the question of the inexpediency of forming any new channels from the Bachanahully Annicut unless, by the construction of reservoirs, a larger supply of water can be maintained in the Chinna Huggry.

Letter from Lieutenant J. F. FISHER, District Engineer of Bellary; to Colonel C. E. FABER, Chief Engineer, dated Camp Humpasagur, 4th January 1858, No. 353.

SIR,

With reference to a Memo. from your office, dated 9th December 1857, I have the honor to submit copy of a letter from Chedumbara Moodeliar, the Sub-Engineer in charge of the Bachanahully Annicut works together with observations made by him on the state of the river in September and November and a register of water from July to November 1857.

2. I regret to be obliged to add that I agree with him on the inexpediency of opening the channel on the left bank, from the register which he furnishes and what I have myself observed I do not consider the river capable of supplying water for any more cultivation than exists at present on the right bank.

3. I hope by examining the river higher up to find a site for a reservoir which will enable us to utilize this work more, as far as the building of the Weir is concerned great credit is due to the Sub-Engineer for the workmanlike way in which he has finished it.

4. The channel on the right bank has been open since July at present it is closed to make some alterations in its levels which I levelled for.

5. This year we have had but a poor supply of rain and the register may lead to more unfavorable conclusions than last year's observations would have done but still I cannot under present circumstances undertake to recommend the channel on the left bank, it is much to be regretted the Annicut was not placed higher up the river at present large channels are taken off above Cudlaball supplying water to lands below the Annicut which it cannot itself supply.

Fort Saint George, Public Works Consultation of 9th April 1858.

Letter from A. CHEDDUMBARUM, Sub Engineer Bellary District; to Lieutenant J. F. FISHER, District Engineer of Bellary, dated Camp Vyasankar, 28th December 1857.

SIR,

In acknowledging the receipt of your memorandum No. 1355, dated the 21st December 1857 with its enclosures about the estimate of the proposed channel on the left bank of Chinna Huggry river from Bachanahully Annicut, I humbly beg to state my reasons for not submitting it in the form of report to accompany the estimate it is mentioned that if a channel were to be opened, the extent of land that maybe cultivated under it ought to be shewn as well as the supply of water during an average season and in order to be convinced of the same, I have kept up a register as soon as the Annicut was finished (from the month of July) which shews up to the end of last month that the water is very little more than required for the cultivation of

	Acres
* Bachanahully Ayacut land.....	121
Dry to be Converted into wet.	20
Anandavanahully Ayacut land.	66
Dry to be converted into wet.	43
Total.....	250

Ayacut and some dry land* to be converted into wet by the old channel on the right bank, to the 1st or Carteeck crop; but not as anticipated by the late Civil Engineer's to open the channel on the left bank under reference besides this, I have examined the river in the month of September last, between Hurpenhully and Cottore which is above all the tanks of Kuodlighee Talook and took a section which shews by calculation that about 200 cubic yards of water flow in an hour and another section on the 9th of last month higher up a mile (just above the standing water) of the Bachanahully Annicut which is about 750 cubic yards in an hour. This is just sufficient for the above mentioned lands at the rate of 3 cubic yards per hour including wastage if the flow of water continue in the river as stated above up to the ensuing dry season and on considering all these, I am rather doubtful for the recommendation of the suggested channel until examining the state of the river up to the same time. I have therefore postponed in forwarding the estimate.

I have enclosed the copy of the Register from the month of July up to the end of last month and copies of sections and calculations of the flow of water in the river for your inspection and Judgement.

No. 96. ORDER THEREON, No. 633; dated 9th April 1858.

Ordered that the foregoing letter be recorded.

(Signed) H. FORBES,
Acting Secretary to Government.

Central Office of
Port Saint George.
22 March 1858.

No. 8354-

Public Irrigation

From

The Chief Engineer.

To The Secretary to Government,

Public Works Department.

and

Sir,

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4. The Reports now submitted shew that the apprehensions of the Collector were well founded, and

and they appear to settle the question of the inexpediency of forming any new channels from the Bachanahally Anicut, unless, by the construction of Reservoirs, a larger supply of water can be maintained in the Chinna Staggery.

I have the honor to be
Sir

Your most Obedt Servt

Wm. F. Colwell
Chief Engineer

Central Office of P.W.
Fort San George
22nd March 1858

Received No. 633
Dated 22nd March 1858
The Engineer to the Government
of Madras

